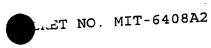
COPY FOR CONTINUING



APPLICATION AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	GENES DETERMINING CELLULAR SENESCENCE IN YEAST
	GENES DETERMINING CHREECE
	the specification of which (check one)
D U	[] is attached hereto.
	[X] was filed on <u>February 28, 1995</u> as Application Serial No. <u>08/396,001</u> and was amended on (if applicable).
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
	I acknowledge the duty to disclose information which is
	foreign priority benefits under Title 35,

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Prior Foreign Application(s/	Prio: Clai	
PCT/US94/09351 15 08 94 (Number) (Country) (Day/Month/Year filed)	[X] Yes	[] No
(Number) (Day/Month/Year filed)	[] Yes	[] No
(Number)	[] Yes	[] No
(Number) (Country) (Day/Month/Year Illed)		

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. \$1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Internacional		Pending
PCT/US94/09351 (Application Serial No.)	08/15/94 (Filing date)	(Status, patented, pending, abandoned)
08/107,408 (Application Serial No.)	08/16/93	Abandoned (Status, patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

David E. Brook James M. Smith Leo R. Reynolds Richard A. Wise Patricia Granahan Mary Lou Wakimura Thomas O. Hoover Alice O. Carroll	Registration Registration Registration Registration Registration Registration Registration Registration	NO. NO. NO. NO. NO.	20,884 18,041 32,227 31,804 32,470

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and
Send correspondence to: Patricia Granahan, Esq.
Hamilton, Brook, Smith & Reynolds, P.C. Two Militia Drive, Lexington, Massachusetts 02173
Direct telephone calls to: Patricia Granahan, Esq.
(617) 861-6240



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the imprisonment, or both, under Section 1001 of Title 18 of the imprisonment code and that such willful false statements may United States Code and that such willful false statements may be imprisoned the validity of the application or any patent issued thereon.

ull name of sole	1 D Guarente
or first inventor_	Leonard P. Guarente
nventor's	Date
Signature	an Gradnough Road
esidence	Chestnut Hill, MA 02167
Citizenship	USA Above
Citizenship Post Office Address	Same as Above
	int
Full name of second	Nicapor Austriaco
inventor, if any	NICAROL
Second Inventor s	Date
Signature	54 Boston Avenue
Residence	Somerville, MA 02144
	Philipines
Citizenship_ Post Office Address_	Same as Above
Post Office Address_	<u> Dumo</u>
Third Inventor's Signature Residence Bexley H	joint James Claus Muly Claus Date 6/2/95 all, Apt. 112 abugants Avenue, Cambridge, MA 02139
inventor, if any_ Third Inventor's Signature Residence Bexley H	joint James Claus Muly Claus Date 6/2/95 all, Apt. 112 abugants Avenue, Cambridge, MA 02139
inventor, if any_ Third Inventor's	joint James Claus Muly Claus Date 6/2/95 all, Apt. 112 abugants Avenue, Cambridge, MA 02139
inventor, if any_ Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any_	joint James Claus MALL Claus Date 6/2/95 all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above 1 joint Francesca Cole
inventor, if any Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any Fourth Inventor's	joint James Claus MILL Claus Date 6/2/95 all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above point Francesca Cole
inventor, if any Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any Fourth Inventor's Signature	joint James Claus MALL Claus Date 6/2/95 all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above Date Date Date Date Date
inventor, if any Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any Fourth Inventor's	joint James Claus MALL Claus Date 6/2/95 all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above Date Date Date Date Date
inventor, if any Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any Fourth Inventor's Signature	joint James Claus MILL Claus Date 6/2/95 all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above 1 joint Francesca Cole Date 108 Gainesborough Street, Apt. 205W Boston, MA 02115

Full name of fifth joi inventor, if any	nt Brian Kennedy	
Fifth Inventor's		Date
Signature Residence	16 Laurel Street Arlington, MA 02174	
Citizenship	USA Same as Above	
Post Office to		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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	GENES DETERMINING GEES
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]	the specification of which (check one)
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[년 편집	[] is attached hereto.
IJ Ţ	
:25 :43	[X] was filed on <u>February 28, 1995</u> as [X] was filed on <u>February 28, 1995</u> as
J	Application Serial No. serial (if applicable).
10	and was amended on
:top= ::	
	I hereby state that I have its an including the
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	in a se amended by will an
17	information will be
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• -	C.F.R. §1.56.

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on which priority is claimed:

Prior Foreign Application(s)	Prio: Clai	
PCT/US94/09351 15 08 94 (Number) (Country) (Day/Month/Year filed)	[X] Yes	[] No
(Number) (Day/Month/Year filed)	[] Yes	[] No
(Number) (see the last filed)	[] Yes	[] No
(Number) (Country) (Day/Month/Teal IIIca)		



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	08/15/94	Pending
PCT/US94/09351		(Status, patented,
(Application Serial No.)	(Filling dates)	pending, abandoned)
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		-

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James M. Smith Leo R. Reynolds Richard A. Wise Patricia Granahan Mary Lou Wakimura	Registration Registration Registration Registration Registration Registration Registration Registration	No. No. No. No. No.	28,043 20,884 18,041 32,227 31,804 32,470
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Direct telephone calls to: Patricia Granahan, Esq.
(617) 861-6240

COPY FOR CONTINUING

APPLICATION

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Full name of sole	<u>.</u>
or first inventor_	Leonard P. Guarente
Inventor's	Date
Signature	
Residence	72 Goodnough Road Chestnut Hill, MA 02167
Citizenship	USA
Post Office Address_	Same as Above
Full name of second	ioint
Full name of second	Nicanor Austriaco
Second Inventor's	
Second Inventor s	Date
Signature	54 Boston Avenue
girironghin	philipines .
Citizenship	Same as Above
Post Office Address	
Full name of third	joint
inventor, if any_	James Claus
Third Inventor's	Date
Signature	
Residence Bexley H	all, Apt. 112 chusetts Avenue, Cambridge, MA 02139
16 Massa	Chusells Avenue, com-
Post Office Address	Same as Above
1000 011	
Full name of fourth	joint galo
inventor, if any_	p Francesca Cole
Fourth Inventor's Signature	Date 3/22/13
Signature/	108 Gaingsborough Street, Apt. 205W
Residence	Boston, MA 02115
	77.03
Citizenship Post Office Address	Same as Above
Post Office Address)

Full name of fifth jo inventor, if any	Brian Kennedy	
Fifth Inventor's	Date	
SignatureResidence	16 Laurel Street Arlington, MA 02174	
Citizenship	USA Same as Above	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE COPY FOR APPLICATION

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the s	specification of which (check one)
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[X]	was filed on <u>February 28, 1995</u> as Application Serial No. <u>08/396,001</u> and was amended on (if applicable).
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PCT/US94/09351 15 08 94 (Number) (Country) (Day/Month/Year filed)	[X] Yes	[] No	
(Number) (Country) (Day)	[] Yes	[] No	
(Number) (Country) (Day/Month/Year filed)	[] Yes	[] No	
(Number) (Country) (Day/Month/Year filed)	162	1,0	

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(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
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all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

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Two Militia Drive, Lexington, The Patricia Granahan, Esq.
Direct telephone calls to: Patricia Granahan, Esq.
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11 name of sole	Leonard P. Guarente
or first inventor_	Leonard 1. Grand
ventor's	Date 6/13/95
Signature	72 Goodnough Road
sidence	Chestnut Hill, MA 02167
tizenship ost Office Address	USA Above
ost Office Address_	Same as Above
•	t. two
ull name of second	joint Nicanor Austriaco, Jr. Notation (1917)
inventor, if any	NICATION AUGUSTE
econd Inventor's	0/11/21/11/d
Signature /////	Nicanor Austriaco, dr. Date 0 2/95 54 Boston Avenue
esidence	54 Boston Avenue Somerville, MA 02144
	Philipines
itizenship Post Office Address	Como as Above
ost Office Address_	Same as income
	ioint
Full name of third	James Claus
Full name of third inventor, if any_	O U.I.O.
Third Inventor's	Date
Third Inventor's	Date
Third Inventor's Signature Residence <u>Bexley H</u>	all, Apt. 112 shugetts Avenue, Cambridge, MA 02139
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Third Inventor's Signature Residence <u>Bexley H</u>	all, Apt. 112 shugetts Avenue, Cambridge, MA 02139
Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address	all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above
Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address	all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above
Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any	all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above i joint Francesca Cole
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Third Inventor's Signature Residence Bexley H 46 Massa Citizenship Post Office Address Full name of fourth inventor, if any Fourth Inventor's Signature	all, Apt. 112 chusetts Avenue, Cambridge, MA 02139 USA Same as Above 1 joint Francesca Cole Date 108 Gainesborough Street, Apt. 205W Boston, MA 02115

COPY FOR CONTINUING APPLICATION

Full name of fifth join inventor, if any Fifth Inventor's Signature Residence	Brian Kennedy 16 Laurel Street Arlington, MA 02/74	Date 6/13/55
Citizenship_ Post Office Address	USA Same as Above	